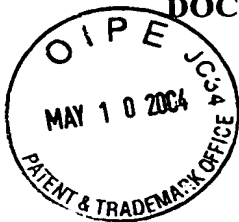


CFW
DOCKET NO.: ADOL-0762

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Wei Yuan Zhang, et al.

Application No.: 10/807,113

Filing Date: March 23, 2004

**For: KAPPA AGONIST COMPOUNDS AND PHARMACEUTICAL
FORMULATIONS THEREOF**

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

DATE OF DEPOSIT:

May 6, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID,
ON THE DATE INDICATED ABOVE AND IS
ADDRESSED TO THE UNITED STATES PATENT AND
TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA,
VA 22313-1450.

Elizabeth A. McLoud

TYPED NAME: Elizabeth A. McLoud

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date

of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:
- ☐ Certification in Accordance with § 1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.
- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with § 1.97(e) is attached;
- or
- ☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.
- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☒ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☒ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☒ Copies of references **1-2** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. **08/796,078**, filed **February 5, 1997** now **U.S. Patent 5,688,955**; copies of references **11-19, 32-33 and 38-43** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. **08/612,680**, filed **March 8, 1996** now **U.S. Patent No. 5,646,151**; copies of references **3-10** listed on the attached Form PTO-1449 were


previously cited by or submitted to the Patent and Trademark Office in prior Application No. 08/899,086, filed July 23, 1997 now U.S. Patent No. 5,744,458; copies of references 20-31, 34-37 and 44-46 listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. 10/146,693, filed May 15, 2002.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

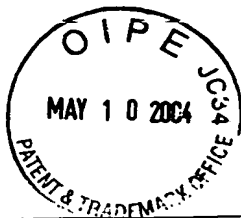
☐ The relevance of those listed references which are not in the English language is as follows:

☒ There are no listed references which are not in the English language.

Date: May 6, 2004


Wendy A. Choi
Registration No. 36,697

WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. ADOL-0762	Application No. 10/807,113
	Applicant Wei Yuan Zhang, et al.	
	Filing Date March 23, 2004	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1 Raynor, et al., <i>Molecular Pharmacol</i> , 1994, 45, 330-334	
	2 Wheeler-Aceto, et al., <i>Psychopharmacology</i> , 1991, 104, 35-44	
	3 Ballantyne, et al., <i>Pain</i> , 1988, 33, 149-160	
	4 Bernhard, J.D., <i>J. Am. Acad. Derm.</i> , 1991, 24, 309	
	5 Bernstein, et al., <i>J. of Investigative Dermatology</i> , 1982, 78, 82-83	
	6 Freeman, et al., "Naphto and benzo benzeneacetamide," <i>CA115: 8474w</i> , 1991, page 827	
	7 IASP Newsletter, Sept./Oct. 1996	
	8 McMahon, et al., <i>TINS</i> , 1992, 15(12)	
	9 Rajagopalan, "DuP 747: structure activity relationship study," <i>CA 120: 544309e</i> , 1994, page 968	
	10 Thomas, et al., <i>Brain Res.</i> , 1995, 695, 267-270	
EXAMINER	DATE CONSIDERED	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. ADOL-0762		Application No. 10/807,113	
				Applicant Wei Yuan Zhang, et al.			
				Filing Date March 23, 2004		Group Not Yet Assigned	
				Confirmation No. Not Yet Assigned			
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	11	4,065,573	12/27/77	Lednicer, et al.	424	278	
	12	4,098,904	07/04/78	Szmuszkowicz, J.	424	324	
	13	4,145,435	03/20/79	Szmuszkowicz, J.	424	274	
	14	4,212,878	07/15/80	Lednicer, et al.	424	274	
	15	4,359,476	11/16/82	Kaplan, et al.	424	274	
	16	4,438,130	03/20/84	Kaplan, L.J.	424	274	
	17	4,663,343	05/09/87	Horwell, et al.	514	429	
	18	4,855,316	08/08/89	Horwell, et al.	514	422	
	19	4,906,655	03/06/90	Horwell, et al.	514	422	
	20	5,646,151	07/08/97	Kruse, et al.	514	255	
	21	5,688,955	11/18/97	Kruse, et al.	546	276.4	
	22	5,744,458	04/28/98	Kruse, et al.	514	91	
	23	5,763,445	06/09/98	Kruse, et al.	514	255	
	24	5,945,443	08/31/99	Kruse, et al.	514	429	
	25	5,981,513	11/19/99	Kruse, et al.	514	91	
	26	6,028,063	02/22/00	Kruse, et al.	514	91	
	27	6,057,323	05/02/00	Zhang, et al.	514	255	
	28	6,180,623 B1	01/30/01	Kruse, et al.	514	212.02	
	29	6,239,154 B1	05/29/01	Zhang, et al.	514	343	
EXAMINER				DATE CONSIDERED			

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. ADOL-0762		Application No. 10/807,113	
				Applicant Wei Yuan Zhang, et al.			
				Filing Date March 23, 2004		Group Not Yet Assigned	
				Confirmation No. Not Yet Assigned			
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	30	6,303,611 B1	10/16/01	Zhang, et al.	514	255	
	31	6,391,910 B1	05/21/02	Zhang, et al.	514	429	
EXAMINER				DATE CONSIDERED			

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. ADOL-0762		Application No. 10/807,113	
				Applicant Wei Yuan Zhang, et al.			
				Filing Date March 23, 2004		Group Not Yet Assigned	
				Confirmation No. Not Yet Assigned			
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	32	WO 92/20657	05/15/92	PCT			
	33	WO 02/07773	06/30/86	PCT			
	34	WO 91/8206	06/13/91	PCT			
	35	WO 97/32857	09/12/97	PCT			
	36	WO 99/03468	01/28/99	PCT			
	37	WO 00/14065	03/16/00	PCT			
	38	0 147 085	03/12/84	EPO			
	39	0 233 793	01/09/87	EPO			
	40	0330 461	02/23/89	EPO			
	41	0 330 467	02/23/89	EPO			
	42	0 366 327	10/16/89	EPO			
	43	0 372 466	05/12/89	EPO			
	44	0 261 842 A1	03/30/88	EPO			
	45	0 254 545 A2	01/27/88	EPO			
	46	0 325 406	07/26/89	EPO			
EXAMINER				DATE CONSIDERED			